



UPC Code : 078477644720

Country Of Origin : China

LB250-T

50A Standard Thermal Magnetic Branch Circuit Breaker

50 Amp, 120/240 VAC, 2-Pole Plug-on Standard Thermal Magnetic Branch Circuit Breaker

- SIMPLE - Features an all plug-on design - no wiring to the circuit breaker
- INTUITIVE - Color indicators in the handle to easily see operational status at-a-glance
- APPROACHABLE - Contemporary aesthetic and rocker style handle are more user friendly

**Designed for Leviton Load Centers only*

Technical Information

Product Features

Dimensions : 3.9" H x 2.0" W x 3.1" D

Operating Temperature : 25°C to 40°C

Smart : No

Warranty : 10-Year Limited

Weight : 0.85 lbs.

Wiring : All Plug-on

Electrical Specifications

Amperage : 50 A

Breaker Technology : Thermal
Magnetic

Pole : 2

Short Circuit Current Rating : 10 KA

Type : Standard

Voltage : 120/240 VAC

Standards & Certifications

CSA-C22.2 No. 5-02 : Yes

EMC Compatibility : Yes

FCC : Yes

RoHS : Yes

UL 489 : Yes

Load Center FAQ's

What is the Leviton Smart Load Center?

The Leviton Smart Load Center is an internet-connected residential electrical panel and circuit breaker system that provides users with energy management options such as real time monitoring and tracking, remote tripping and system updates and alerts sent to their smartphones, tablets or desktops via the My Leviton app. It is the most intelligent residential circuit breaker system ever engineered and gives electrical contractors, builders, developers and homeowners an innovative option never seen before on the market.

Using a central data collection hub, the system's status is securely sent to the My Leviton app. This communication capability helps give homeowners peace of mind that their electrical system is functioning properly no matter where they are in the world. In addition, access to the My Leviton app helps contractors securely troubleshoot issues without being in front of the unit itself.

How is the Leviton Smart Load Center installed?

The Leviton Load Center's revolutionary design saves builders and contractors on installation time and increases jobsite efficiency. When installed using copper wire, circuit breakers up to 60A feature a no-pigtail, fully plug-on design. Smart circuit breakers install the same as our standard circuit breakers along with our single data hub installed at the panel. The system automatically discovers and connects each of the smart circuit breakers through the My Leviton app. Wi-Fi® or Ethernet (hardwire) connectivity set up is simple and straightforward.

If connected to solar panels will it measure the current produced by the panels?

The app is not currently set up for integration with solar PV systems. It is a planned feature, however, for future releases.

Will the Leviton Smart Load Center work with 3rd party devices: Alexa, Google Assistant or IFTTT?

Not at this time.

I already have a Leviton Load Center. How do I make it smart?

You can easily upgrade to a Leviton Smart Load Center by purchasing the Data Hub kit and replacing your standard breakers with smart circuit breakers. This should be done by a licensed electrician. The enclosure itself does not change. Then, simply download the free My Leviton app on Google Play or the Apple Store and you'll be walked through the easy pairing process.

Do I need Wi-Fi to make my panel a smart panel?

The Data Hub is equipped with Wi-Fi or ethernet capabilities. In addition, if an internet connection is not available at the time of installation the panel can be paired to a My Leviton app account later.

What safety features does the Leviton Load Center offer?

Leviton continuously builds upon its legacy as an industry leader in safety innovation. Beyond its optional smart functionality, the Leviton Load Center offers the only circuit breakers on the market with Leviton's groundbreaking GFCI technology that exceeds existing UL 943 requirements. No other circuit breaker on the market provides this level of end-of-life protection.

What is the name of the app and where can I find it?

The name of the app is My Leviton. It is available as a free download on Google Play and the Apple Store. You can also use the My Leviton app to control the Decora Smart™ with Wi-Fi® product line.

Can the My Leviton app be used on the computer?

Yes, there is a web (desktop) app available in addition to the mobile app. It can be found at <https://my.leviton.com>.

How do users manage their Leviton Smart Load Center through the My Leviton app?

The My Leviton app gives homeowners the ability to manage their home's energy usage and monitor the Leviton Smart Load Center through their smartphones, tablets or desktops. Within the My Leviton app, homeowners can:

- Monitor electricity usage per branch circuit breaker
- Review their home dashboard to see system status
- Analyze graphs around 'cost' and 'energy consumption' to better monitor their energy use for each circuit and track their electricity bill
- Receive alerts if a critical circuit has tripped, or if a particular appliance has been left ON (like an oven) or, conversely, is not drawing power (like a refrigerator)

The My Leviton app also helps ensure that the Leviton Load Center's smart circuit breakers are always functioning with the latest firmware. Additionally, the My Leviton app platform offers users the ability to add Leviton Decora Smart Wi-Fi wiring devices once installed in the home – allowing them to set schedules, create activities and take advantage of voice control through our Amazon Alexa and Google Assistant partners for these devices.

SPECIFICATION SUBMITTAL

JOB NAME: 	CATALOG NUMBERS: 	
JOB NUMBER:		

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Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to:
www.leviton.com/international/contacts/

